

United States
Department of the Interior
Bureau of Land Management

Miles City Field Office

Decker Coal
Lease Readjustment

Categorical Exclusion (CX)
DOI-BLM-MT-C020-2013-0041-CX

For Further Information Please Contact:

Bureau of Land Management
Miles City Field Office
111 Garryowen Road
Miles City, Montana 59301
406-233-2800

BLM



UNITED STATES DEPARTMENT OF INTERIOR
BUREAU OF LAND MANAGEMENT
Miles City Field Office
111 Garryowen Road
Miles City, Montana 59301

CATEGORICAL EXCLUSION (CX) REVIEW AND APPROVAL

A. Background:

BLM Office: Miles City Field Office.

Lease/Serial/Case File Nos.: MTM 6770

Catherine Cheny & Wm Kukuchka Readjustment

MTM 61685

MTM 57934-A

MTM 57934

MTM 101097

MTM 101098

Decker Coal Co. Readjustment

NEPA Number (if applicable)

DOI-BLM-MT-C020-2013-0041-CX

Proposed Action Title/Type: Lease Readjustment of six (6) federal coal leases (above).

The lease readjustment process is an opportunity for BLM to review leases that have eclipsed their primary or subsequent renewal term of ten (10) years and that may be held by ongoing production or logical mining unit. The Proposed Action is administrative in nature and is primarily an opportunity to readjust royalty rates on six (6) existing coal leases. BLM also takes this opportunity to review the subject lands to determine if there are any resource-based or environmental issues which need to be addressed via adding or modifying stipulations to the coal lease. However for these six (6) existing coal leases there are no issues which need to be addressed because the leases are located within existing mine permit boundaries and on lands that have already been disturbed. As such, resource issues have been thoroughly addressed at the mine permit level NEPA analysis or perhaps the previous leasing level analysis – thus rationale for the Categorical Exclusion (CX) for lease readjustment. If resource concerns are noted they would be reviewed with the mine permitting agency (Montana Dept. of Environmental Quality) and a stipulation added to the lease as appropriate or necessary. Coal leases MTM 101097 and MTM 101098 were segregated from a larger coal lease (MTM 57934-A) on October 21, 2010 which was initially leased August 1, 1963. MTM 57934 was initially leased on August 1, 1963; MTM 6770 was initially leased January 1, 1954; MTM 61685 was initially leased March 1, 1964.

At the end of this CX is Attachment A containing a copy of the December 19, 2001 recommendations (i.e., *Exhibit A*) that was included in the terms to leases MTM 101097 and MTM 101098 on the date of the segregation, and in the terms and conditions on MTM 61685 when it was readjusted in 2003. It is recommended that the readjustments terms for each lease

herein include the same specific stipulations currently attached to each lease as well as those described in attachment A.

Location of Proposed Action (include county):

- MTM 06770

Lands not previously segregated, relinquished and currently contained in the subject lease are described as:

- T. 8 S., R. 40 E., P.M.M. sec. 33: SE $\frac{1}{4}$ NW $\frac{1}{4}$
All in Big Horn County, Montana, totaling: 40.00 acres, more or less

- MTM 61685

Lands not previously segregated, relinquished and currently contained in the subject lease are described as:

- T. 8 S., R. 40 E., P.M.M. sec. 32: N $\frac{1}{2}$ & SE $\frac{1}{4}$
33: E $\frac{1}{2}$, N $\frac{1}{2}$ NW $\frac{1}{4}$, SW $\frac{1}{4}$ NW $\frac{1}{4}$, NW $\frac{1}{4}$ SW $\frac{1}{4}$ & S $\frac{1}{2}$ SW $\frac{1}{4}$
- T. 9 S., R. 40 E., P.M.M. sec. 4: Lot 3, SE $\frac{1}{4}$ NW $\frac{1}{4}$ & SW $\frac{1}{4}$
8: SE $\frac{1}{4}$ SE $\frac{1}{4}$
9: E $\frac{1}{2}$ NW $\frac{1}{4}$
17: N $\frac{1}{2}$ & SE $\frac{1}{4}$
21: W $\frac{1}{2}$

All in Big Horn County, Montana, totaling: 2,520.20 acres, more or less

- MTM 57934-A

Lands not previously segregated, relinquished and currently contained in the subject lease are described as:

- T. 9 S., R 40 E., P.M.M. sec. 3: Lots 3 & 4
4: Lots 1 & 2
9: S $\frac{1}{2}$ NE $\frac{1}{4}$, SE $\frac{1}{4}$
10: S $\frac{1}{2}$ N $\frac{1}{2}$, S $\frac{1}{2}$
15: W $\frac{1}{2}$
21: E $\frac{1}{2}$
22: W $\frac{1}{2}$

All in Big Horn County, Montana, totaling: 1840.55 acres, more or less

- MTM 57934

Lands not previously segregated, relinquished and currently contained in the subject lease are described as:

- T. 9 S., R 40 E., P.M.M. sec. 3: S $\frac{1}{2}$ NW $\frac{1}{4}$, SW $\frac{1}{4}$
4: S $\frac{1}{2}$ NE $\frac{1}{4}$, SE $\frac{1}{4}$
9: N $\frac{1}{2}$ NE $\frac{1}{4}$
10: N $\frac{1}{2}$ N $\frac{1}{2}$

All in Big Horn County, Montana, totaling: 720.00 acres, more or less

•MTM 101097

Lands not previously segregated, relinquished and currently contained in the subject lease are described as:

- T. 8 S., R. 40 E., P.M.M. sec. 34: Sec. 34: A tract of land in the SW $\frac{1}{4}$ NE $\frac{1}{4}$ and the E $\frac{1}{2}$ W $\frac{1}{2}$, more particularly described as follows: Beginning at the NW corner of the NE $\frac{1}{4}$ SW $\frac{1}{4}$ of Section 34, Thence N.2°42'55"W., a distance of 1,994.96 feet; thence N.87°31' 10"E. a distance of 665.37 feet; thence S.2°43'59"E. a distance of 664.94 feet; thence N.87°30'56"E. a distance of 665.58 feet; thence N.87°29'29"E. a distance of 443.54 feet; thence S.28°37'37"W. a distance of 1,573.44 feet to the point of a spiral curve to the left; thence along said spiral curve a distance of 268.32 feet through a 3°45' spiral angle to the point of tangent on a circular curve to the left; thence along said circular curve, radius of 2,190.08 feet; through a 48°25'38" central angle a distance of 1,851.09 feet, to the point of tangent and the beginning of a spiral curve to the left; thence along said spiral curve a distance of 268.32 feet, through a 3°45' spiral angle to the point of tangent; thence S.27°14'54"E. a distance of 411.67 feet to a point on the south line of Section 34; thence S.87°34'48"W. a distance of 981.65 feet along the south line of Section 34; thence N.2°43'25"W. a distance of 2,662.08 feet to the point of beginning, containing 94.64 acres, more or less.
- T. 9 S., R. 40 E., P.M.M. sec. 3: Lots 3, 4; and a tract of land more particularly described as follows: Beginning at the South $\frac{1}{4}$ of Section 3, thence N. 2°09'30"W., a distance of 3262.22 feet, to the True Point of Beginning. Thence N. 2°09'28"W. a distance 659.67 feet, Thence N.89°19'07"E. a distance of 101.74 feet. Thence S. 14°48'25"E. a distance of 674.72 feet. Thence N. 87°19'22"W. a distance of 249.50 feet to the True Point of Beginning. Said parcel containing 2.66 acres, more or less.
 - 4: Lot 1, N $\frac{1}{2}$ Lot 2, SE $\frac{1}{4}$ Lot 2
 - 9: S $\frac{1}{2}$ NE $\frac{1}{4}$, SE $\frac{1}{4}$
 - 10: SE $\frac{1}{4}$ NE $\frac{1}{4}$, E $\frac{1}{2}$ SW $\frac{1}{4}$ NE $\frac{1}{4}$, S $\frac{1}{2}$ NW $\frac{1}{4}$, SW $\frac{1}{4}$, NE $\frac{1}{4}$ SE $\frac{1}{4}$, E $\frac{1}{2}$ NW $\frac{1}{4}$ SE $\frac{1}{4}$, NE $\frac{1}{4}$ SW $\frac{1}{4}$ SE $\frac{1}{4}$, N $\frac{1}{2}$ SE $\frac{1}{4}$ SE $\frac{1}{4}$
 - 15: W $\frac{1}{2}$

21: E½

22: W½

All in Big Horn County, Montana, totaling: 1,837.81 acres, more or less

•MTM 101098

Lands not previously segregated, relinquished and currently contained in the subject lease are described as:

- T. 9 S., R. 40 E., P.M.M. sec. 3: N½SE¼NW¼, SW¼SE¼NW¼, SW¼NW¼, W½NE¼SW¼, NW¼SW¼, S½S½SW¼, A segregated portion located in the South ½, SE¼ more particularly described as follows:
Beginning at the South ¼, of Section 3, thence N. 87°22'39"E., a distance of 665.097 feet to the True Point of Beginning. Thence, N. 2°12'26"W a distance of 651.83 feet. Thence N. 87°19'50"E., a distance of 664.56 feet. Thence, N. 2°15'20"W. a distance of 318.63 feet. Thence, S. 46°02'16"E., a distance of 155.41 feet. Thence, S. 46°21'33"E. a distance of 639.11 feet. Thence, N. 43°41'50"E. a distance of 45.77 feet. Thence, S. 44°28'41"E. a distance of 148.22 feet. Thence, S. 35°56'12"E. a distance of 158.28 feet. Thence, S. 35°59'35"E. a distance of 224.25 feet, to a point on the South Line of Section 3. Thence S. 87°22'39"W. a distance of 1565.14 feet to the True Point of Beginning. Said portion of Lease M-057934 containing 20.57 acres, more or less.
- 4: E½SW¼NE¼, SE¼NE¼, NE¼SE¼, E½NW¼SE¼, S½S½SE¼
- 9: N½NE¼
- 10: NE¼NE¼, E ½NW¼NE¼, N½NW¼

All in Big Horn County, Montana, totaling: 1,837.81 acres, more or less

Description of Proposed Action: Readjust terms and conditions of six federal coal leases.

B. Land Use Plan Conformance:

Land Use Plan (LUP) Name:

FINAL RESOURCE MANAGEMENT PLAN / ENVIRONMENTAL IMPACT STATEMENT
for the Powder River Resource Area, Miles City District.

Date: December 1984. Last Updated: April 2000.

The proposed action is in conformance with the applicable LUP because it is specifically provided for in the following LUP decision(s):

Not applicable.

The proposed action is in conformance with the LUP, even though it is not specifically provided for, because it is clearly consistent with the following LUP decision(s) (objectives, terms, and conditions):

The ‘original’ subject lease(s) had been previously issued and were in effect at the time of preparation and the Record of Decision (ROD) for the 1984 Powder River RMP and the subsequent 1992 ROD for Coal Suitability Re-designations Amendments. The Decision to approve the Proposed Plan as presented in the Final RMP/EIS was signed March 15, 1985.

- On Page 9, Reasons For The Decision, paragraph 3 (Coal), the 1992 ROD states: *“The coal portion of the proposed plan (Alternative B in the RMP/EIS) was preferred because it provided a wide selection of potential sites for coal leasing consideration while removing and protecting areas with substantial multiple use conflicts.”*
- Furthermore, the ROD states on page 11, Alternative B (Multiple Use), Coal: *“Future development would come from current leases covering 39,391 acres (3.43 billion tons), those unleased areas determined acceptable for further consideration in the 1979 MFP Update and 1982 Amendment covering 911,700 acres (7.83 billion tons) and unleased areas determined acceptable for further consideration from new planning covering 869,000 acres (54.37 billion tons).”*

C: Compliance with NEPA:

The Proposed Action is categorically excluded from further documentation under the National Environmental Policy Act (NEPA), Handbook H-1790-1 (January 2008) in accordance with Appendix 4, BLM Categorical Exclusions (i.e., 516 DM 11.9):

- *“F. Solid Minerals. 2. Approval of mineral lease readjustments, renewals and transfers including assignments and subleases.”*

This Categorical Exclusion is appropriate in this situation because there are no extraordinary circumstances pursuant to National Environmental Policy Act (NEPA), Handbook H-1790-1 (January 2008), “Appendix 5, Categorical Exclusions: Extraordinary Circumstances” potentially having effects that may significantly affect the environment. The proposed action has been reviewed, and, as documented below, none of the extraordinary circumstances described in 516 DM 2, “Appendix 2, Categorical Exclusions, Extraordinary Circumstances” apply.

<u>Extraordinary Circumstances</u>		
The project would:		
1. Have significant impacts on public health or safety.		
Yes	No	Rationale: Explain why the project would not have significant impacts on public health and safety by describing how the action is designed or planned to keep impacts to a minimum and not impair public health or safety.
	X NLA 12/5/12	These leases have been in existence for 49+ years and mining has occurred on all or portions of the leased parcels; and nearby associated

		mining by the lessee is ongoing. Mining-related disturbances have been analyzed through a variety of EAs, EIS's, previous re-adjustment reviews, and other documents and it assumed that all of the above issues either do not exist or have been mitigated through the mine permitting process. Readjustment of the lease does not represent approval to mine the subject lands. The mine sites and the subject leases are restricted and mining is highly regulated and inspected by the Montana Dept. of Environmental Quality (MDEQ) and the USA Office of Surface Mining (OSM) to ensure that significant impacts to public health and safety do not occur.
2. Have significant impacts on such natural resources and unique geographic characteristics as historic or cultural resources; park, recreation or refuge lands; wilderness areas; wild or scenic rivers; national natural landmarks; sole or principal drinking water aquifers; prime farmlands; wetlands (Executive Order 11990); floodplains (Executive Order 11988); national monuments; migratory birds; and other ecologically significant or critical areas.		
Yes	No X NLA 12/5/12	<p>Rationale: <i>Identify if any of the above concerns are present in the impact area. Demonstrate how impacts would or would not be significant. Specify Areas of Critical Environmental Concern, Wilderness Study Areas, Monuments, and other areas with special designation. BLM shall determine whether a proposed action will occur in a floodplain or wetland area. If an action would significantly impact a floodplain or wetland area, this extraordinary circumstance would apply and alternatives must be considered.</i></p> <p>These leases have been in existence for 49+ years and mining has occurred on all or portions of the leased parcels; and nearby associated mining by the lessee is ongoing. Mining-related disturbances have been analyzed through a variety of EAs, EIS's, previous re-adjustment reviews, and other documents and it assumed that all of the above issues either do not exist or have been mitigated through the mine permitting process. Readjustment of the leases does not represent approval to mine the subject lands. The mine sites and the subject leases are restricted and mining is highly regulated and inspected by the Montana Dept. of Environmental Quality (MDEQ) and the USA Office of Surface Mining (OSM).</p>
3. Have highly controversial environmental effects or involve unresolved conflicts concerning alternative uses of available resources [NEPA section 102 (2) (E)].		
Yes	No X NLA 12/5/12	<p>Rationale: <i>Controversy over environmental effects pertains specifically to disagreement over the nature of the impacts among those with special expertise. Controversy does not reflect the level of public concern, support or opposition for an action. Explain whether the impacts of the action are well-known and demonstrated in other projects that have been implemented and monitored. Cite monitoring reports done for similar projects and the conclusions of the reports.</i></p> <p>Readjusting the subject coal lease does not involve highly controversial environmental effects or unresolved conflicts. These leases have been in existence for 49+ years and mining has occurred on all or portions of the</p>

		<p>leased parcels; and nearby associated mining by the lessee is ongoing. Mining-related disturbances have been analyzed through a variety of EAs, EIS's, previous re-adjustment reviews, and other documents and it assumed that all of the above issues either do not exist or have been mitigated through the mine permitting process. Readjustment of the lease does not represent approval to mine the subject lands. The mine sites and the subject leases are restricted and mining is highly regulated and inspected by the Montana Dept. of Environmental Quality (MDEQ) and the USA Office of Surface Mining (OSM).</p>
4. Have highly uncertain and potentially significant environmental effects or involve unique or unknown environmental risks.		
Yes	<p>No</p> <p>X NLA 12/5/12</p>	<p>Rationale: <i>Categorically excluded actions generally have very predictable consequences well established as insignificant. If an impact of an action cannot be predicted due to varying circumstances, has potential to be significant, additional analysis would be necessary, and a higher level of documentation would likely be appropriate.</i></p> <p>Readjusting the subject coal lease does not involve highly uncertain or potentially significant environmental effects or involve unique or unknown environmental risks. These leases have been in existence for 49+ years and mining has occurred on all or portions of the leased parcels; and nearby associated mining by the lessee is ongoing. Mining-related disturbances have been analyzed through a variety of EAs, EIS's, previous re-adjustment reviews, and other documents and it assumed that all of the above issues either do not exist or have been mitigated through the mine permitting process. Readjustment of the lease does not represent approval to mine the subject lands. The mine site and the subject lease is restricted and mining is highly regulated and inspected by the Montana Dept. of Environmental Quality (MDEQ) and the USA Office of Surface Mining (OSM) to ensure that significant environmental effects, impacts or unique or unknown environmental risks does not occur.</p>
5. Establish a precedent for future action or represent a decision in principal about future actions with potentially significant environmental effects.		
Yes	<p>No</p> <p>X NLA 12/5/12</p>	<p>Rationale: <i>Explain whether the action is connected to another action that would require further environmental analysis or if it would set a precedent for future actions that would normally require environmental analysis.</i></p> <p>Readjusting the subject coal lease does not establish a precedent for future action or represent a decision in principal about future actions with potentially significant environmental effects. These leases have been in existence for 49+ years and mining has occurred on all or portions of the leased parcels; and nearby associated mining by the lessee is ongoing. Mining-related disturbances have been analyzed through a variety of EAs, EIS's, previous re-adjustment reviews, and other documents and it assumed that all of the above issues either do not exist or have been mitigated through the mine permitting process. Readjustment of the leases does not represent</p>

		regulated and inspected by the Montana Dept. of Environmental Quality (MDEQ) and the USA Office of Surface Mining (OSM).
11. Limit access to and ceremonial use of Indian sacred sites on Federal lands by Indian religious practitioners or significantly adversely affect the physical integrity of such sacred sites (Executive Order 13007).		
Yes	No	<p>Rationale: <i>Consultation with tribes regarding Indian sacred sites must take place.</i></p> <p>The proposed action to readjust coal leases, the readjustment would not affect access or use of public lands. Sites identified in the leases have been impacted by past mining activities and are likely to no longer exist on the ground so there would not be impacts to the physical integrity of sites important to Native Americans with ties to the project area. Stipulations attached or that would be attached to the leases would also protect sites important to Native American groups.</p> <p>DM 01/25/2013</p>
	X	
12. Contribute to the introduction, continued existence, or spread of noxious weeds or non-native invasive species known to occur in the area or actions that may promote the introduction, growth, or expansion of the range of such species (Federal Noxious Weed Control Act and Executive Order 13112).		
Yes	No	<p>Rationale: <i>Introduction as well as spread within the area must be considered.</i></p> <p>Readjusting the subject coal lease does not contribute to the introduction, continued existence, or spread of noxious weeds or non-native invasive species known to occur in the area or actions that may promote the introduction, growth, or expansion of the range of such species. The leases have been in existence for 49+ years and mining has occurred on all or portions of the leased parcels; and nearby associated mining by the lessee is ongoing. Mining-related disturbances have been analyzed through a variety of EAs, EIS's, previous re-adjustment reviews, and other documents and it is assumed that all of the above issues either do not exist or have been mitigated through the mine permitting process. Readjustment of the leases does not represent approval to mine the subject lands. The mine sites and the subject leases are restricted and mining is highly regulated and inspected by the Montana Dept. of Environmental Quality (MDEQ) and the USA Office of Surface Mining (OSM). The mine is required to comply with noxious weed control programs within the mine permit boundary.</p>
	NLA 12/5/12	


Environmental Coordinator

1/29/2013
Date

I considered the Proposed Action of readjusting the terms and conditions of the subject coal leases and have determined that the Action does not cause any significant impacts. In regards to migratory birds, the analysis has illustrated the proposed action will not negatively affect migratory bird populations. Additionally, the proposed action is in conformance with WO IB 2010-120, which implements the Memorandum of Understanding between the BLM and FWS to Promote the Conservation of Migratory Birds. Therefore, use of this CX is appropriate and it is decided to implement this action.

Remarks: Therefore, each of above referenced coal leases shall be readjusted to include:

- i. Attachment A, "EXHIBIT A, COAL LEASE SPECIAL STIPULATIONS" would continue to be included with the readjusted lease terms for each lease listed and described above under Location of Proposed Action.

D: Signature

1/30/2013

Authorizing Official: _____ Date: _____
(Signature)

Name: Todd D. Yeager

Title: Field Manager, Miles City Field Office

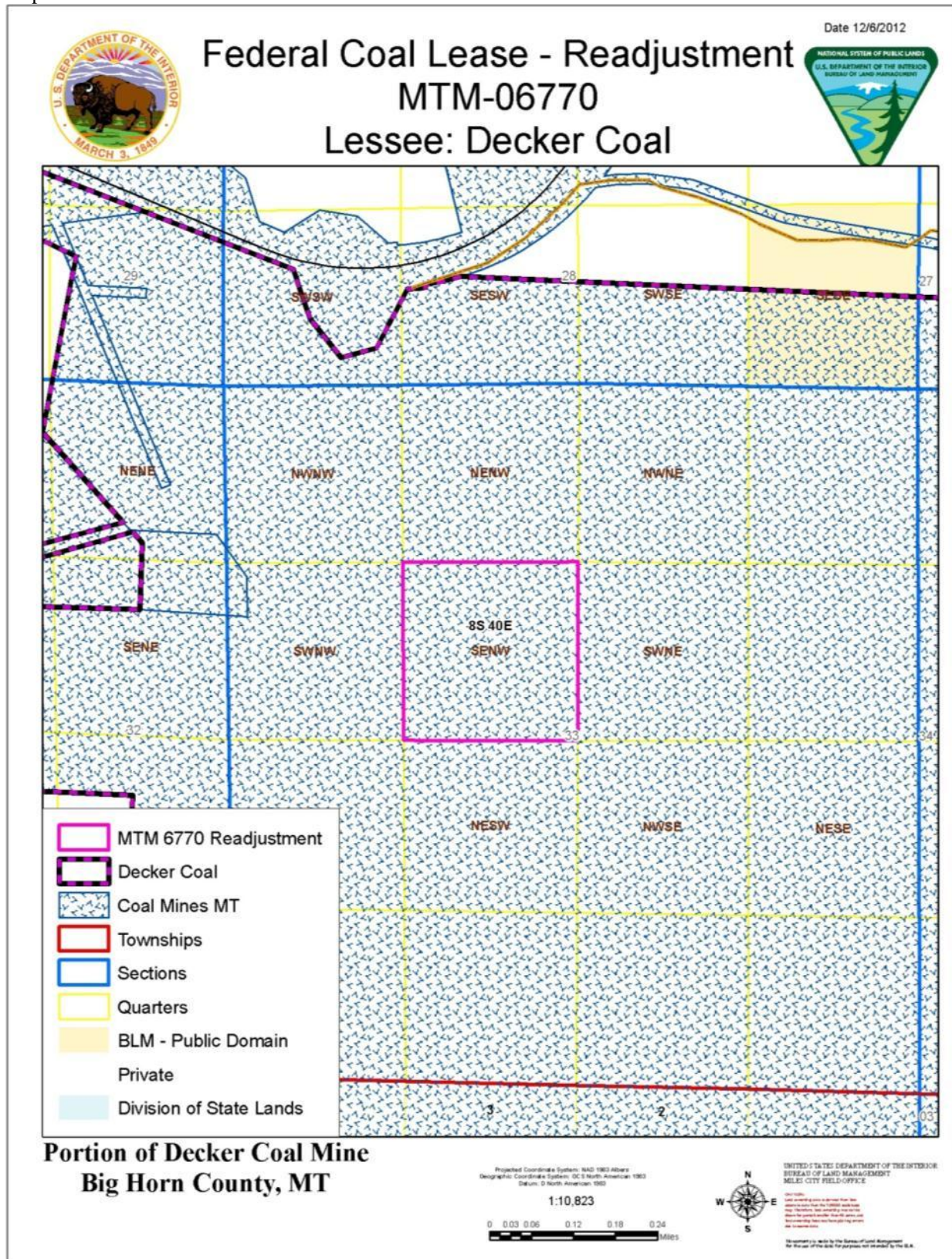
Contact Person

For additional information concerning this CX review and decision, contact:

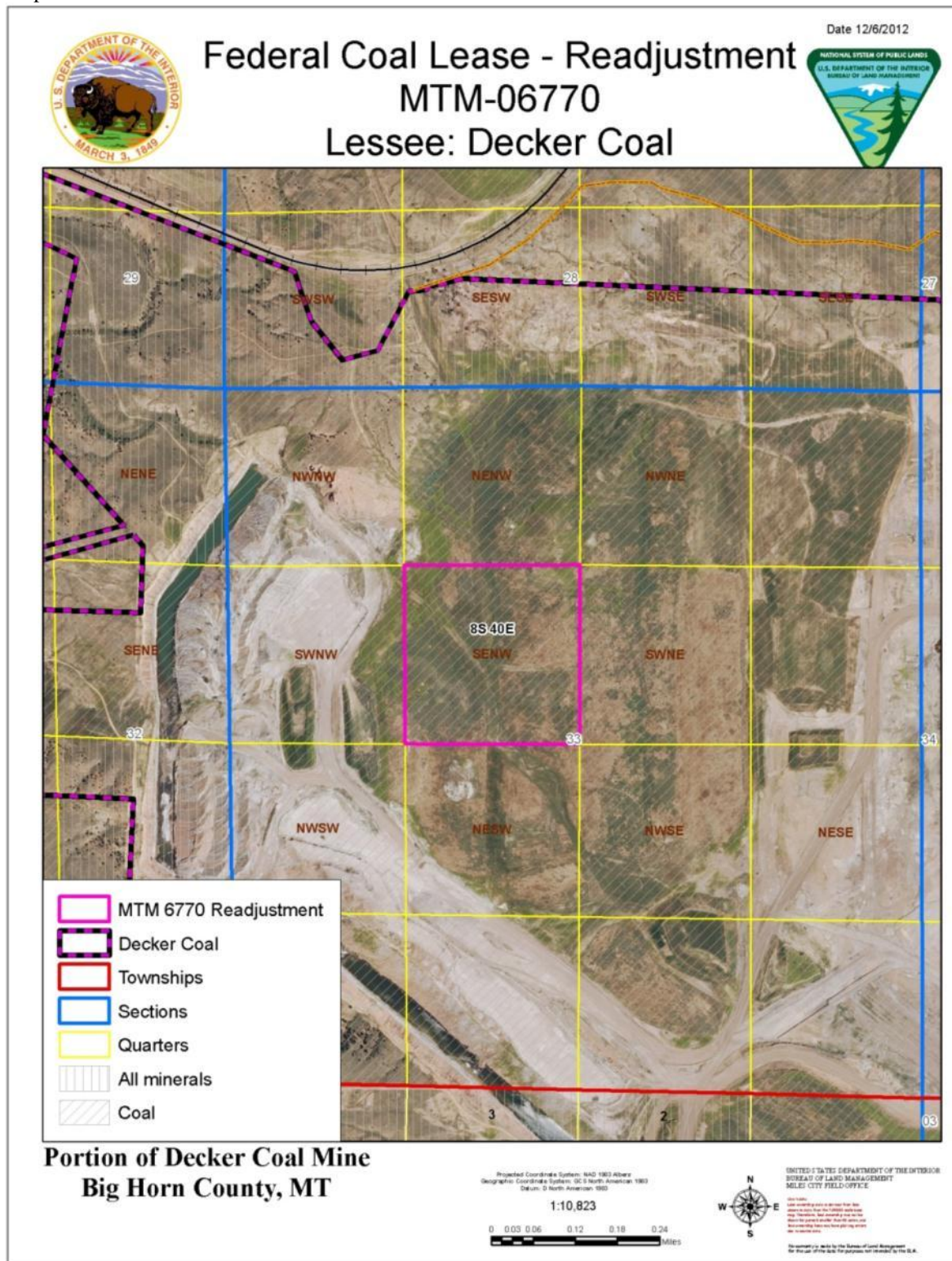
Nate Arave
Solid Minerals Geologist
Bureau of Land Management
Miles City Field Office
111 Garryowen Road
Miles, City, Montana 59301

Telephone: 406-233-3163

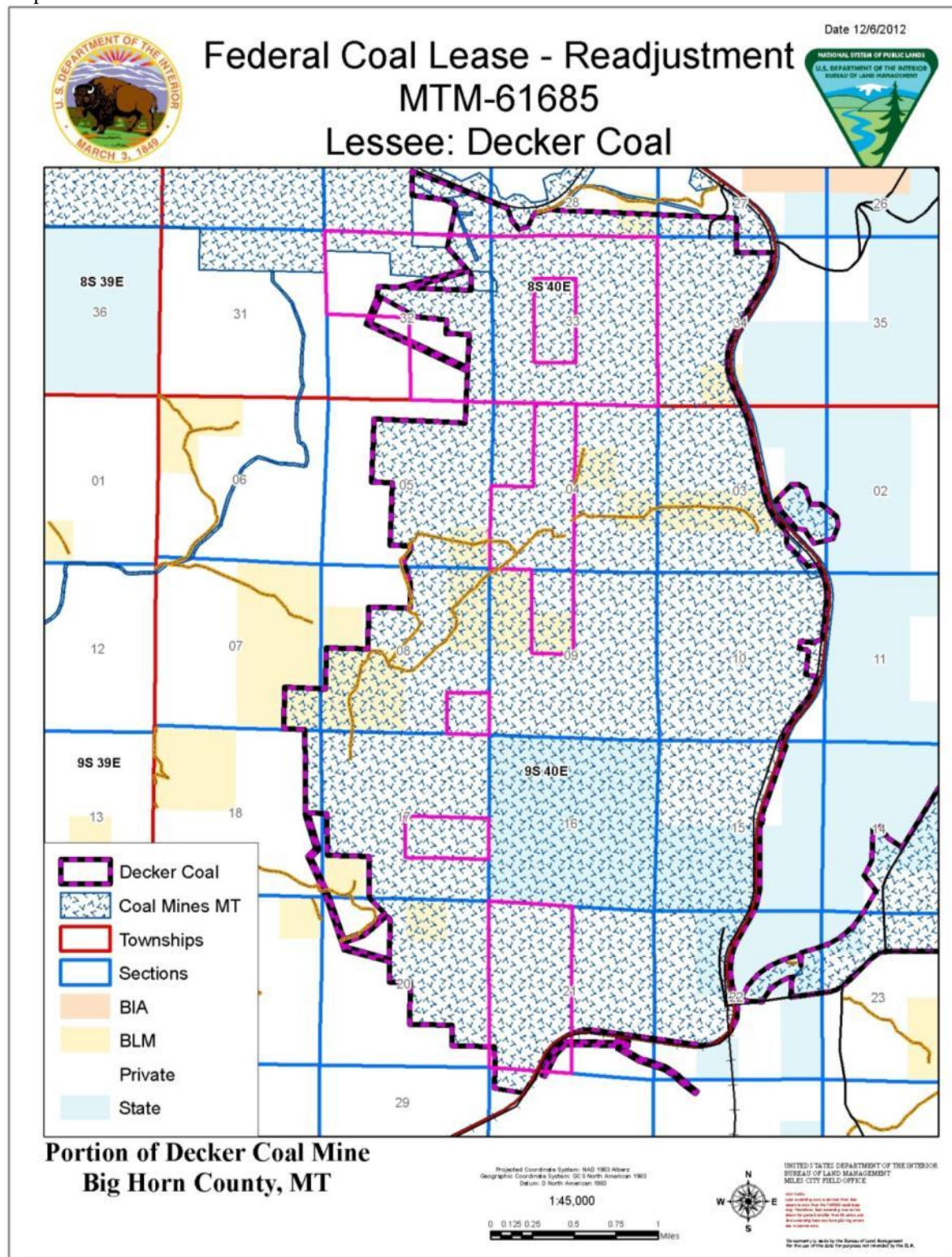
Map 1



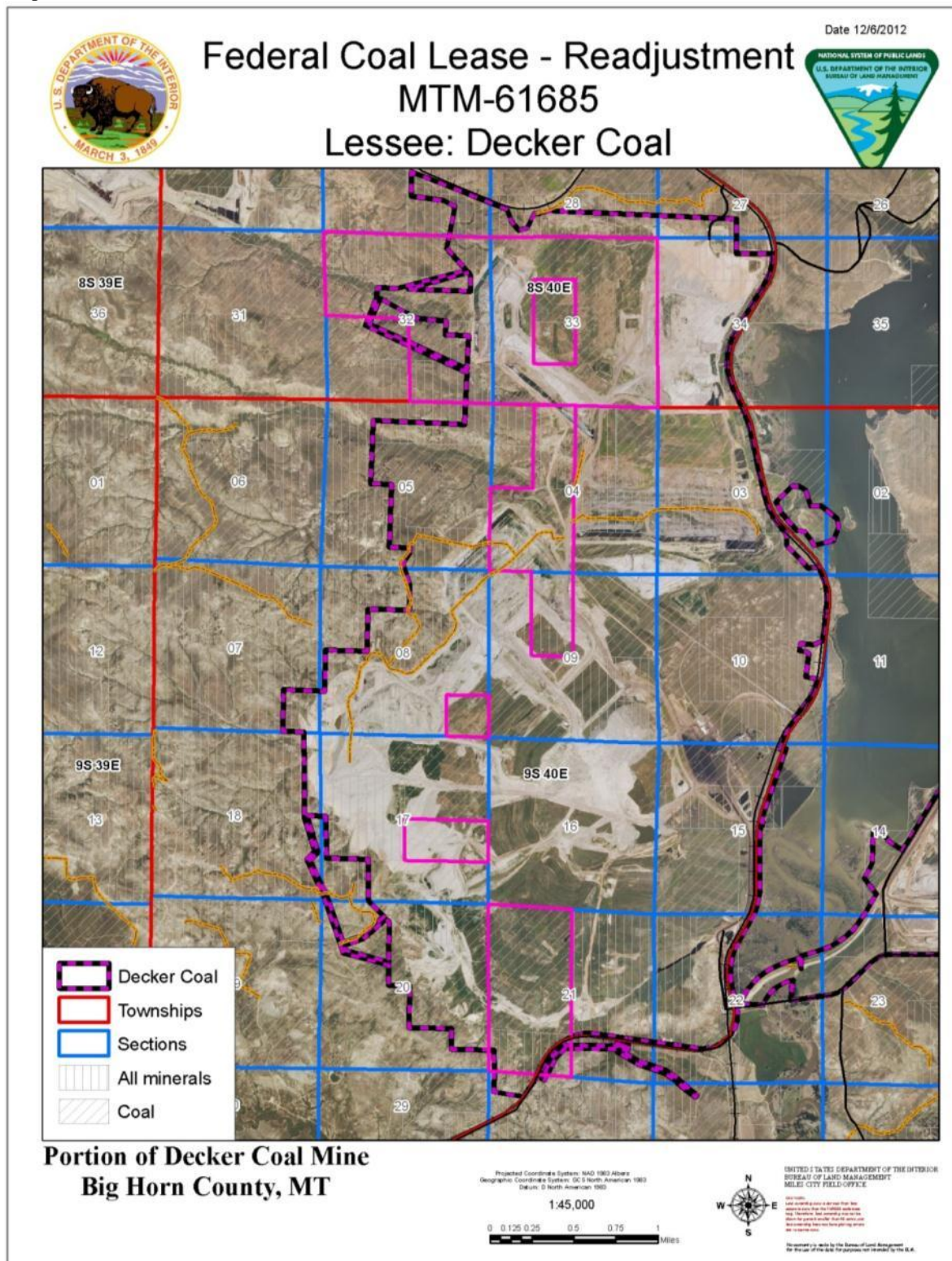
Map 2



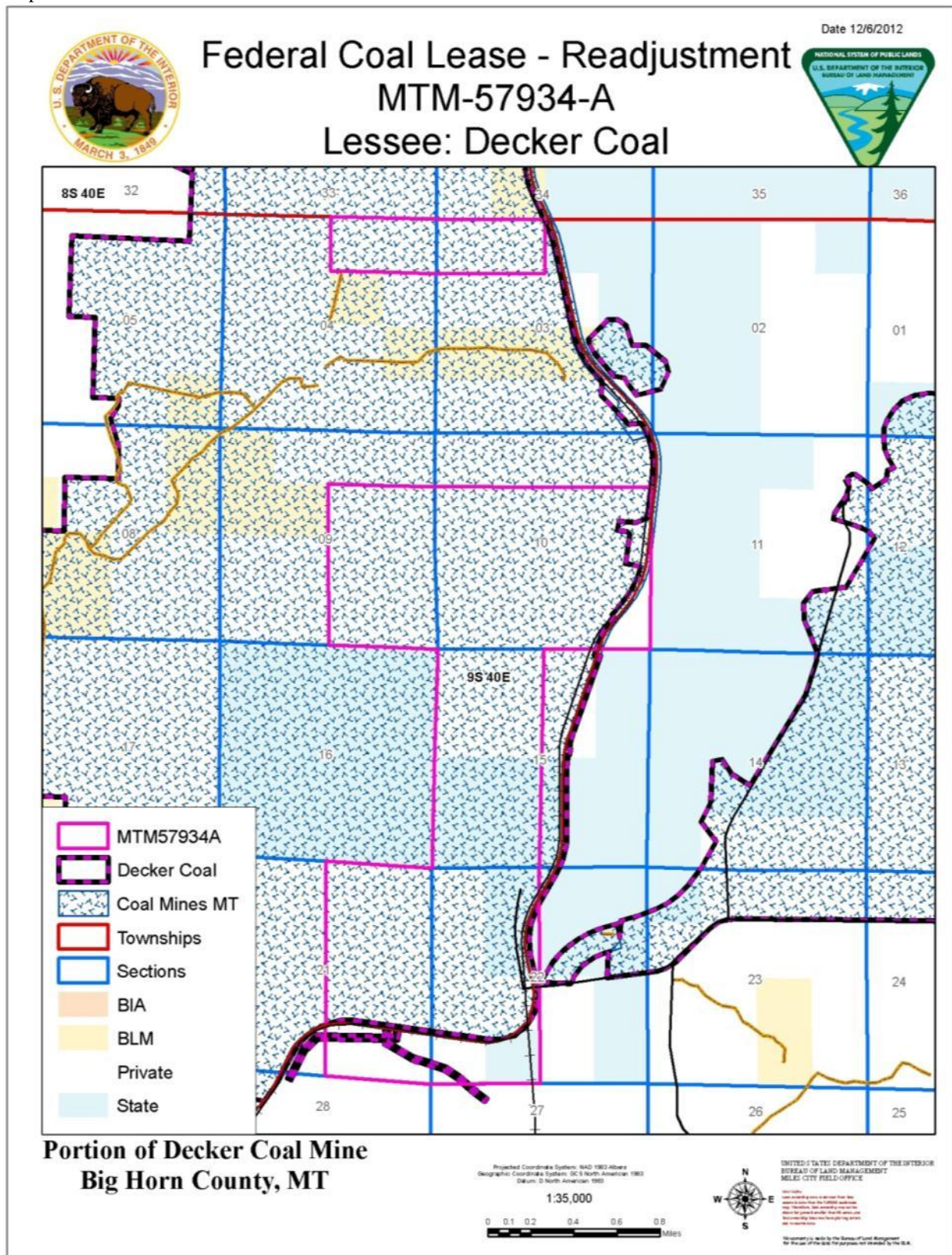
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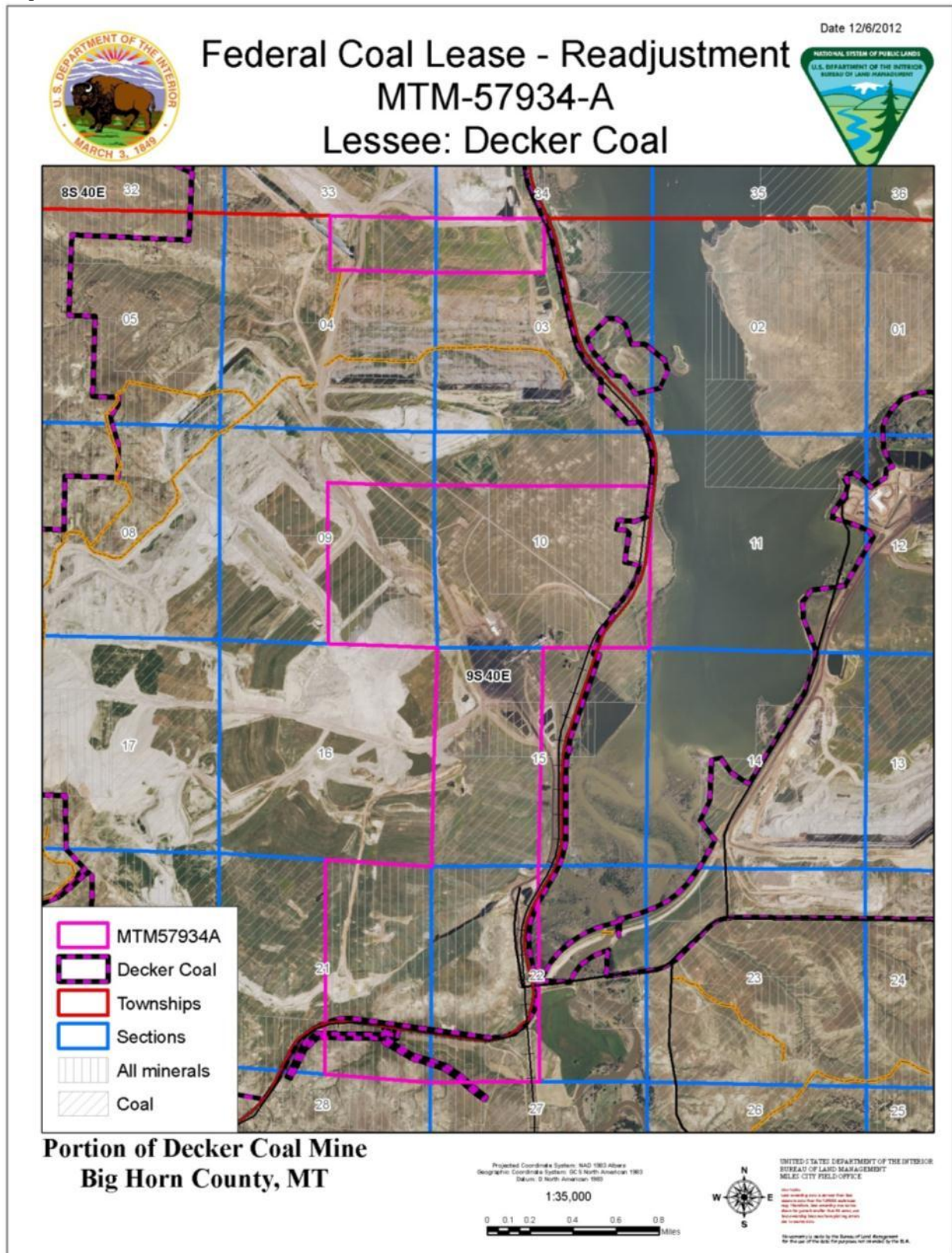
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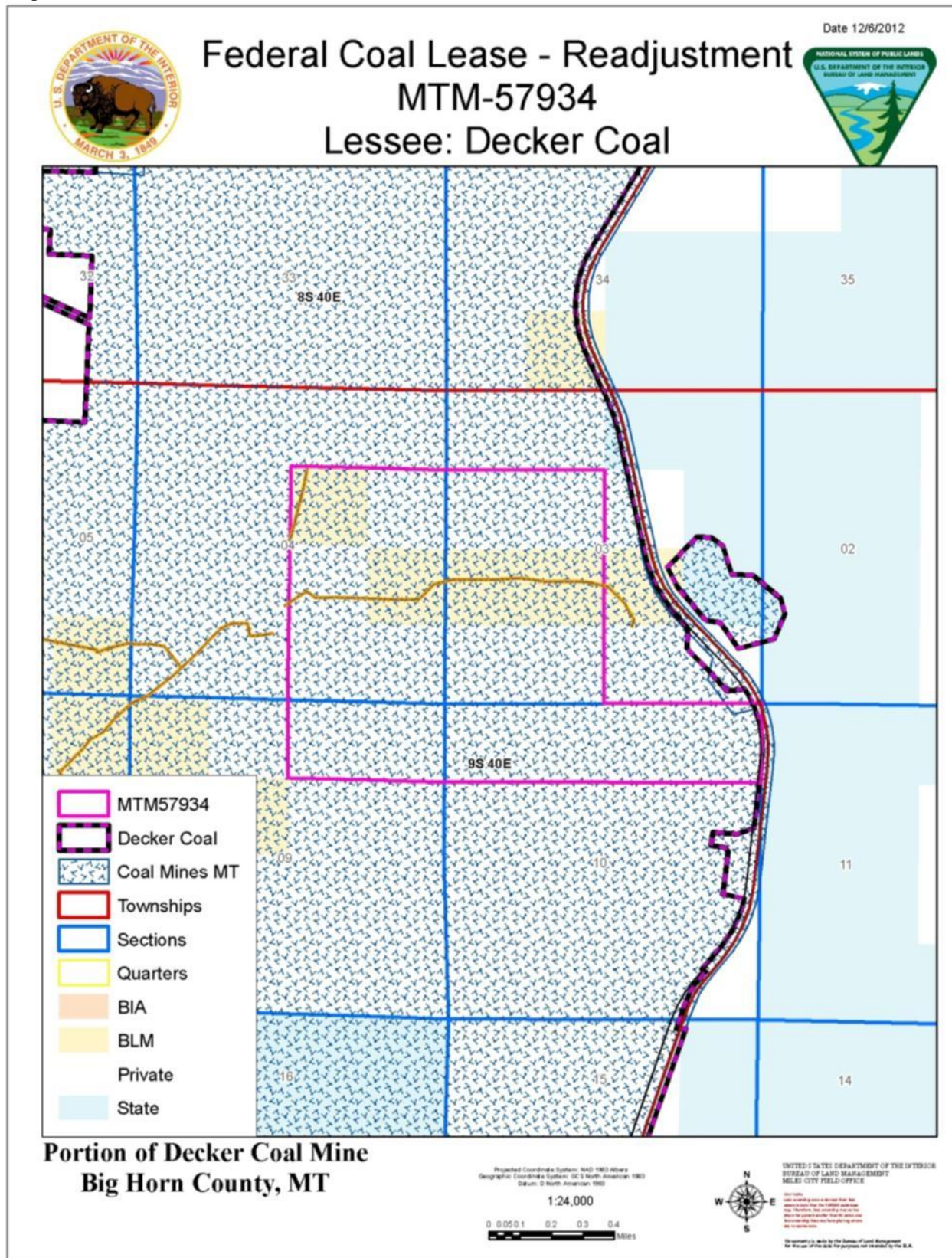
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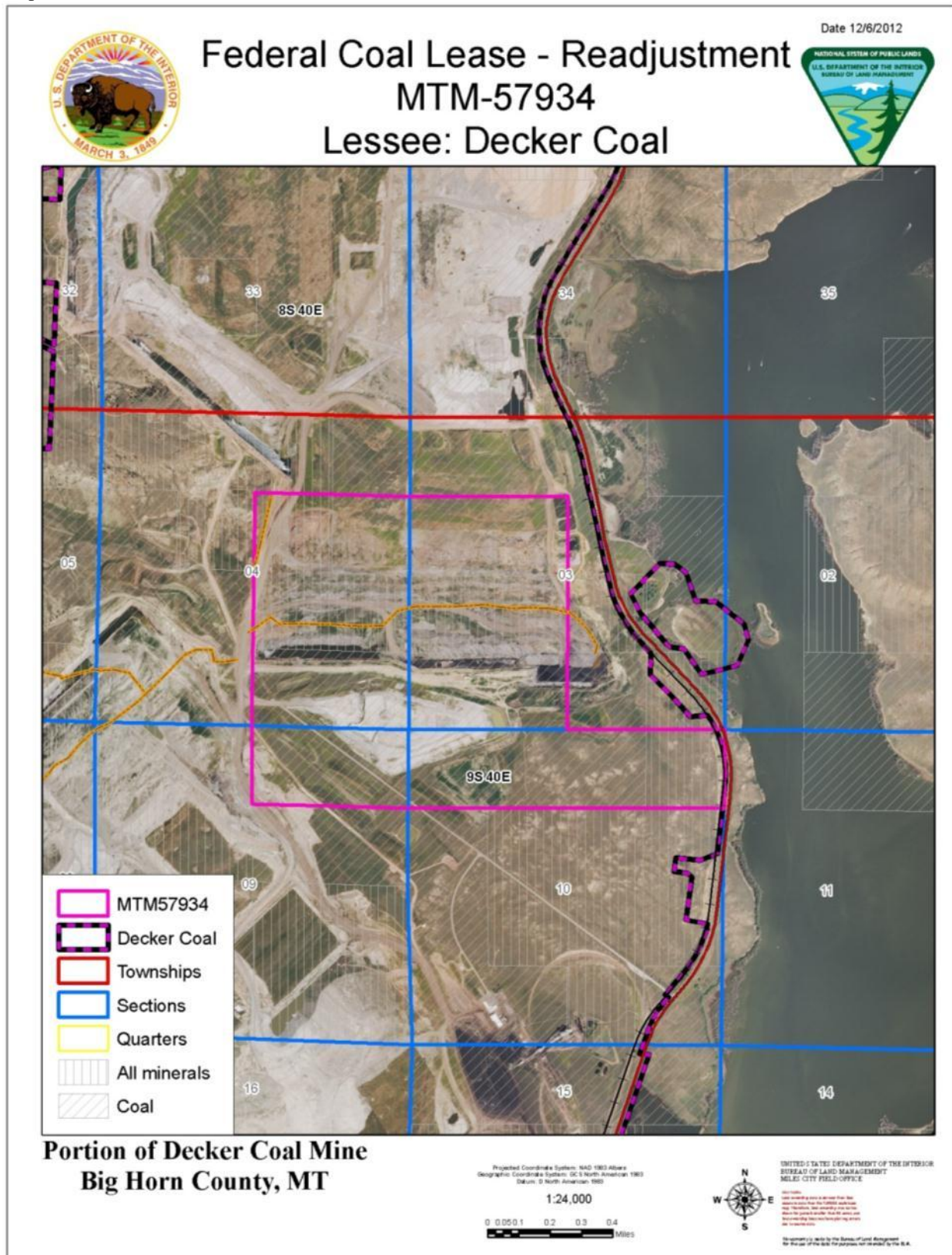


Map 6

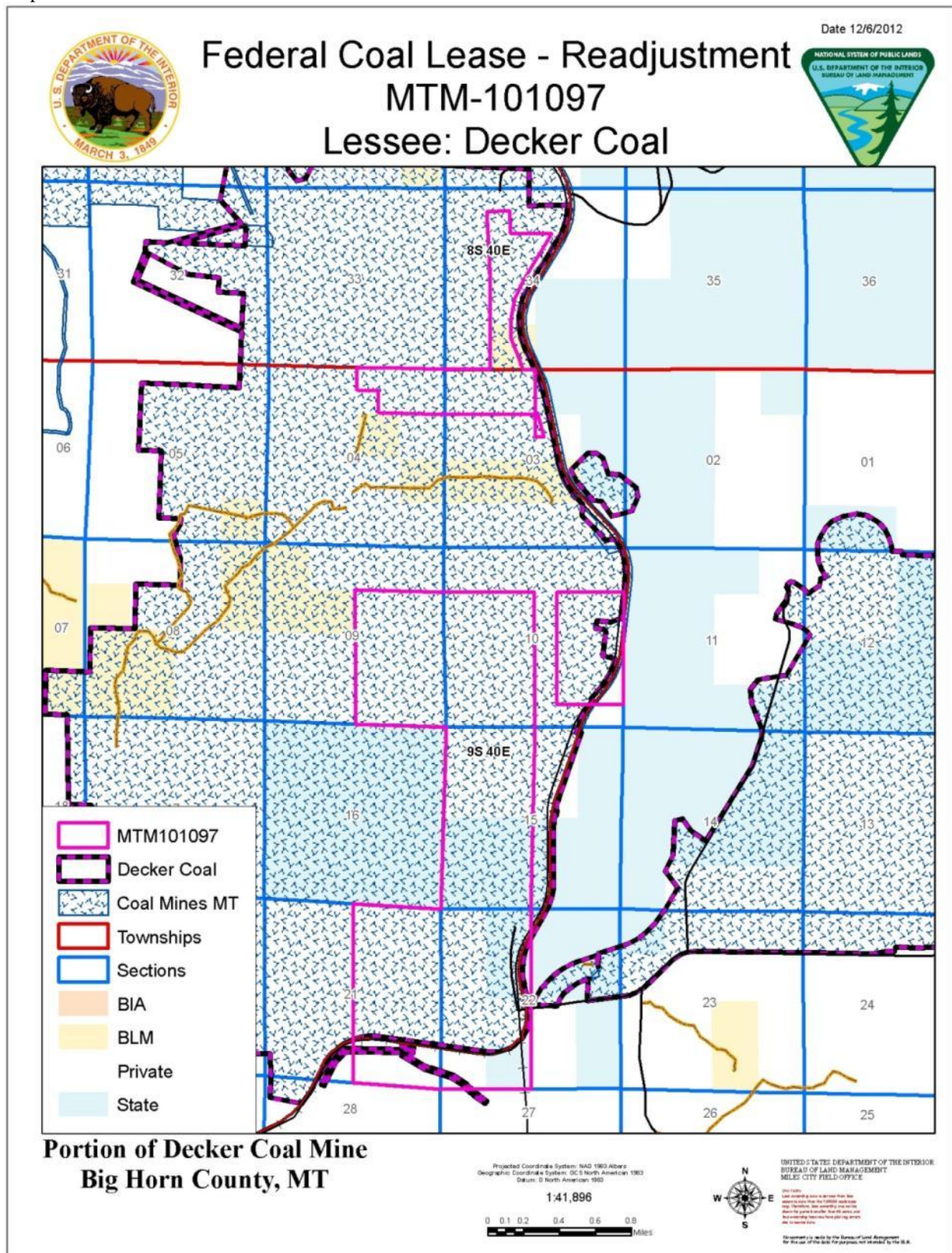


Map 7

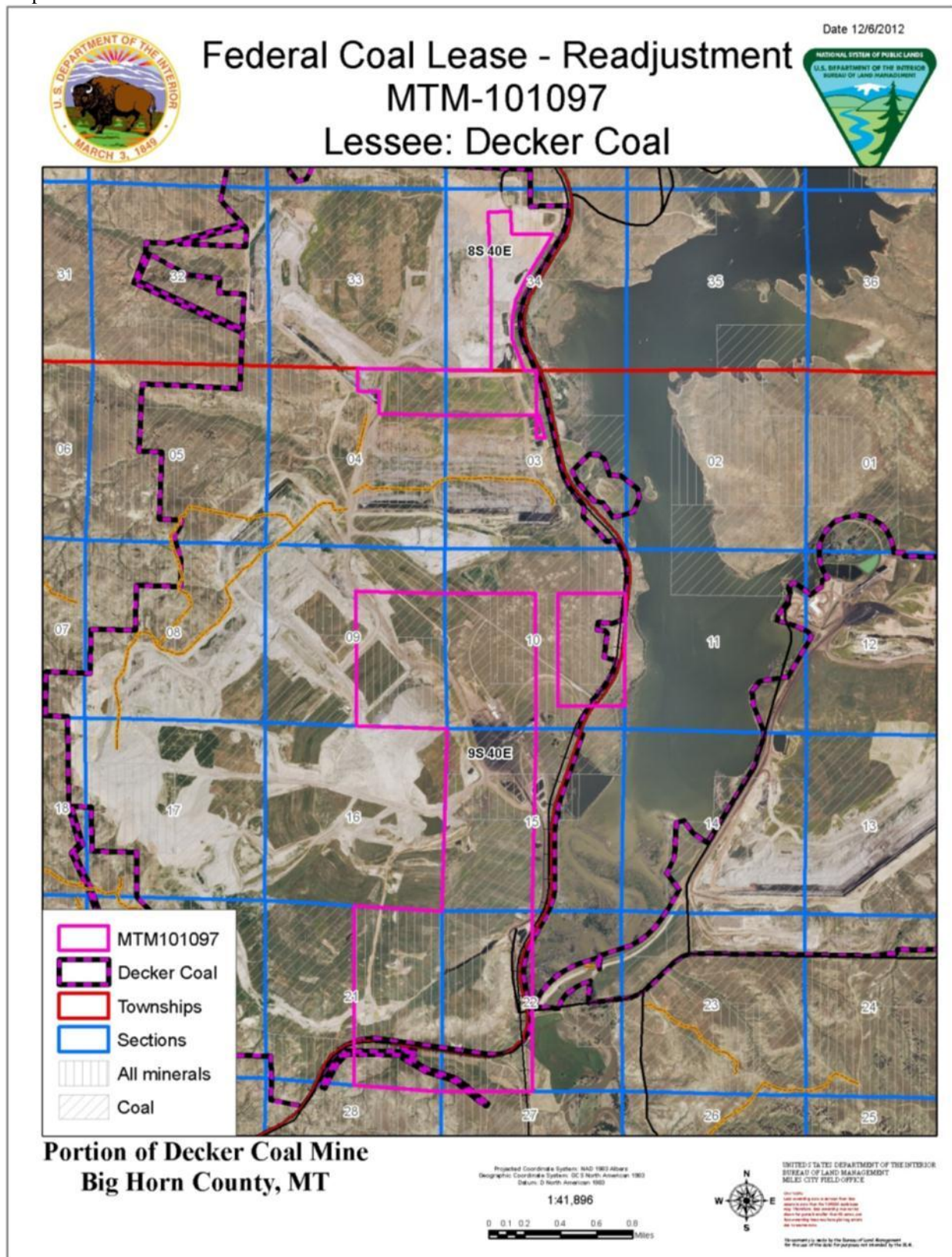


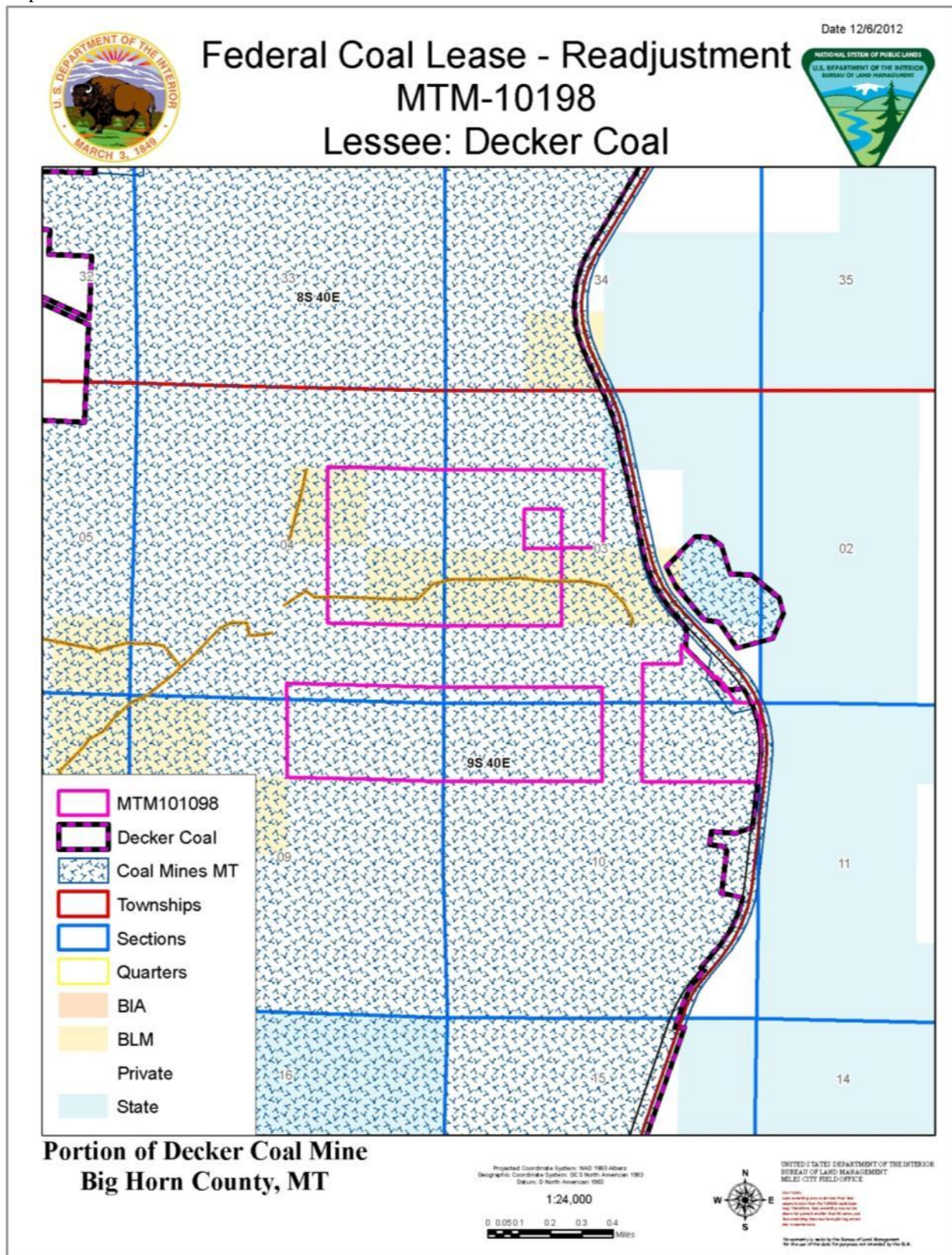


Map 9



Map 10





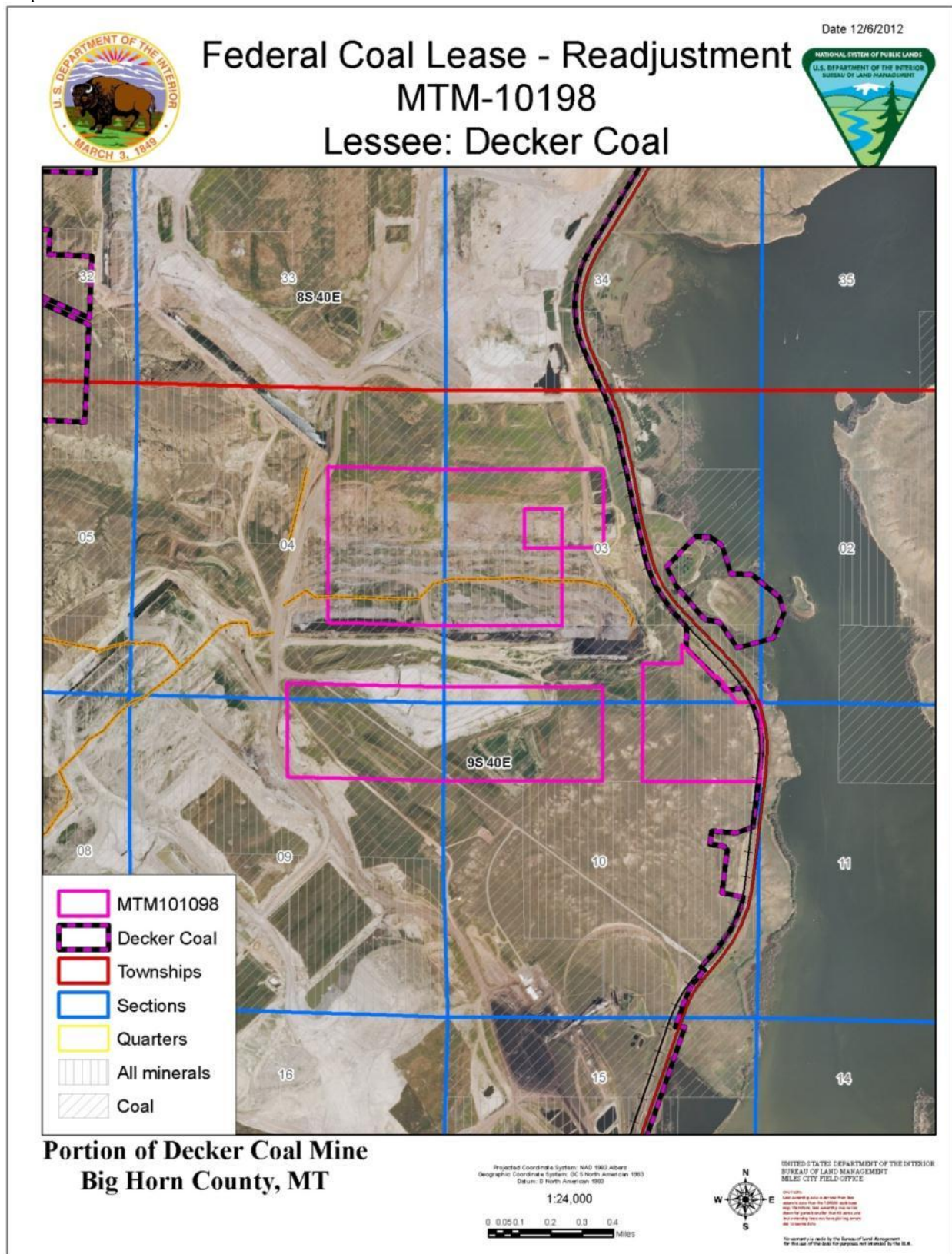


EXHIBIT A

COAL LEASE SPECIAL STIPULATIONS

Sec. 15. SPECIAL STIPULATIONS - In addition to observing the general obligations and standards of performance set out in the current regulations, the lessee shall comply with and be bound by the following stipulations. These stipulations are also imposed upon the lessee's agents and employees. The failure or refusal of any of these persons to comply with these stipulations shall be deemed a failure of the lessee to comply with the terms of the lease. The lessee shall require his agents, contractors and subcontractors involved in activities concerning this lease to include these stipulations in the contracts between and among them. These stipulations may be revised or amended, in writing, by the mutual consent of the lessor and the lessee at any time to adjust to changed conditions or to correct an oversight.

(a) CULTURAL RESOURCES -

(1) Before undertaking any activities that may disturb the surface of the leased lands, the lessee shall conduct a cultural resource intensive field inventory in a manner specified by the Authorized Officer of the BLM (hereinafter referred to as the Authorized Officer) on portions of the mine plan area, or exploration plan area, that may be adversely affected by lease-related activities and which were not previously inventoried at such a level of intensity. Cultural resources are defined as a broad, general term meaning any cultural property or any traditional lifeway value, as defined below:

Cultural property: a definite location of past human activity, occupation, or use identifiable through field inventory (survey), historical documentation, or oral evidence. The term includes archaeological, historic, or architectural sites, structure, or places with important public and scientific uses, and may include traditional cultural or religious importance to specified social and/or cultural groups. Cultural properties are concrete, material places, and things that are classified, ranked, and managed through the system of inventory, evaluation, planning, protection, and utilization.

Traditional lifeway value: the quality of being useful in or important to the maintenance of a specified social and/or cultural group's traditional systems of (a) religious belief, (b) cultural practice, or (c) social interaction, not closely identified with definite locations. Another group's shared values are abstract, nonmaterial, ascribed ideas that one cannot know about without being told. Traditional lifeway values are taken into account through public participation during planning and environmental analysis.

The cultural resources inventory shall be conducted by a qualified professional cultural resource specialist; i.e., archaeologist, anthropologist, historian, or historical architect, as appropriate and necessary, and approved by the Authorized Officer (BLM if the surface is privately owned). A report of the inventory and recommendations for protection of any cultural resources identified shall be submitted to the Assistant Director of the Western Support Center of the Office of Surface Mining (hereinafter referred to as the Assistant Director) by the Authorized Officer. Prior to any on-the-ground cultural resource inventory, the selected professional cultural resource specialist shall consult with the BLM, the Northern Cheyenne Cultural Protection Board, and the Crow Historic and Cultural Committee. The purpose of this consultation will be to guide the work to be performed and

EXHIBIT A

COAL LEASE SPECIAL STIPULATIONS

to identify cultural properties or traditional lifeway values within the immediate and surrounding mine plan area. The lessee shall undertake measures, in accordance with instructions from the Assistant Director to protect cultural resources on the leased lands. The lessee shall not commence the surface-disturbing activities until permission to proceed is given by the Assistant Director in consultation with the Authorized Officer.

(2) The lessee shall protect all cultural resource properties within the lease area from lease related activities until the cultural resource mitigation measures can be implemented as part of an approved mining and reclamation plan or exploration plan.

(3) The cost of carrying out the approved site mitigation measures shall be borne by the lessee.

(4) If cultural resources are discovered during operations under this lease, the lessee shall immediately bring them to the attention of the Assistant Director, or the Authorized Officer if the Assistant Director is not available. The lessee shall not disturb such resources except as may be subsequently authorized by the Assistant Director. Within two (2) working days of notification, the Assistant Director will evaluate or have evaluated any cultural resources discovered and will determine if any action may be required to protect or preserve such discoveries. The cost of data recovery for cultural resources discovered during lease operations shall be borne by the surface managing agency unless otherwise specified by the Authorized Officer.

(5) All cultural resources shall remain under the jurisdiction of the United States until ownership is determined under applicable law.

(b) PALEONTOLOGICAL RESOURCES -

If a paleontological resource, either large and conspicuous, and/or of significant scientific value is discovered during construction, the find will be reported to the authorized officer immediately. Construction will be suspended within 250 feet of said find. An evaluation of the paleontological discovery will be made by a BLM approved professional paleontologist within five (5) working days, weather permitting, to determine the appropriate action(s) to prevent the potential loss of any significant paleontological value. Operations within 250 feet of such discovery will not be resumed until written authorization to proceed is issued by the Authorized Officer. The lessee will bear the cost of any required paleontological appraisals, surface collection of fossils, or salvage of any large conspicuous fossils of significant interest discovered during the operation.

(c) PUBLIC LAND SURVEY PROTECTION -

The lessee will protect all survey monuments, witness corners, reference monuments, and bearing trees against destruction, obliteration, or damage during operations on the lease areas. If any monuments, corners or accessories are destroyed, obliterated or damaged by this operation, the lessee will hire an appropriate county surveyor or registered land surveyor to reestablish or restore the monuments, corners, or accessories at the same locations, using surveying procedures in accordance with the "Manual of Surveying Instructions for the Survey of Public Lands of the United States." The survey will be recorded in the appropriate county records, with a copy sent to the authorized officer.

EXHIBIT A

COAL LEASE SPECIAL STIPULATIONS

(d) RESOURCE RECOVERY AND PROTECTION PLAN (R2P2) -

Notwithstanding the approval of a resource recovery and protection plan (R2P2) by the BLM, lessor reserves the right to seek damages against the operator/lessee in the event (i) the operator/lessee fails to achieve maximum economic recovery (MER) [as defined at 43 CFR 3480.0-5.2(21)] of the recoverable coal reserves or (ii) the operator/lessee is determined to have caused a wasting of recoverable coal reserves. Damages shall be measured on the basis of the royalty that would have been payable on the wasted or unrecovered coal.

The parties recognize that under an approved R2P2, conditions may require a modification by the operator/lessee of that plan. In the event a coal bed or portion thereof is not to be mined or is rendered unmineable by the operation, the operator shall submit appropriate justification to obtain approval by the authorized officer to leave such reserves unmined. Upon approval by the authorized officer, such coal beds or portions thereof shall not be subject to damages as described above. Further, nothing in this section shall prevent the operator/lessee from exercising its right to relinquish all or a portion of the lease as authorized by statute and regulation.

In the event the authorized officer determines that the R2P2 as approved will not attain MER as the result of changed conditions, the authorized officer will give proper notice to the operator/lessee as required under applicable regulations. The authorized officer will order a modification if necessary, identifying additional reserves to be mined in order to attain MER. Upon a final administrative or judicial ruling upholding such an ordered modification, any reserves left unmined (wasted) under that plan will be subject to damages as described in the first paragraph under this section.

Subject to the right to appeal hereinafter set forth, payment of the value of the royalty on such unmined recoverable coal reserves shall become due and payable upon determination by the authorized officer that the coal reserves have been rendered unmineable or at such time that the lessee has demonstrated an unwillingness to extract the coal.

The BLM may enforce this provision either by issuing a written decision requiring payment of the MMS demand for such royalties, or by issuing a notice of non-compliance. A decision or notice of non-compliance issued by the lessor that payment is due under this stipulation is appealable as allowed by law.

(e) MULTIPLE MINERAL DEVELOPMENT -

Operations will not be approved which, in the opinion of the authorized officer, would unreasonably interfere with the orderly development and/or production from a valid existing mineral lease issued prior to this one for the same lands.

The BLM realizes that coal mining operations conducted on Federal coal leases issued within producing oil and gas fields may interfere with the economic recovery of oil and gas; just as Federal oil and gas leases issued in a Federal coal lease area may inhibit coal recovery. BLM retains the authority to alter and/or modify the R2P2 for coal operations on those lands covered by Federal mineral leases so as to obtain maximum resource recovery.